United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: November 1, 2001

Mr. Bob Wardwell
Adelphi Laboratory Center
2800 Powder Mill Road
Attn: AMSRL-OP-SO-FE (Wardwell)
Adelphi, MD 20783

Dear Mr. Wardwell:

On October 25, 2001, USDA Forest Service personnel, accompanied by you, conducted a gypsy moth egg mass survey at the Adelphi Laboratory Center. The purposes of the survey were to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 2002.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40th acre fixed radius plot was established. The plots consisted of a tally of all the new (2001) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The locations of the survey plots are shown in Figure 1. In brief, egg mass densities ranged from 0-120 and averaged 53 egg masses per acre (Table 1). Since no noticeable defoliation is expected, treatment is not recommended in 2002.

Please contact Rod Whiteman at (304) 285-1555 if you have any questions regarding this egg mass survey.

Sincerely,

JOHN W. HAZEL
Field Representative
Morgantown Field Office

Cc: Robert Tichenor, MDA
Sally Hughes, MDA
Betsie Handley, MDA
Noel Schneeberger, AO

JWH/RLW/blm

Table 1. – Gypsy moth egg mass survey results at the Adelphi Laboratory Center, October 25, 2001.

Plot Number	Number Em/Acre
1	80
2	0
3	40
4	120
5	80
6	0

Em/Acre range = 0-120
EM/Acre average = 53

Figure 1.-- Gypsy moth egg mass survey plot locations at Adelphia Laboratory Center, October 25, 2001.